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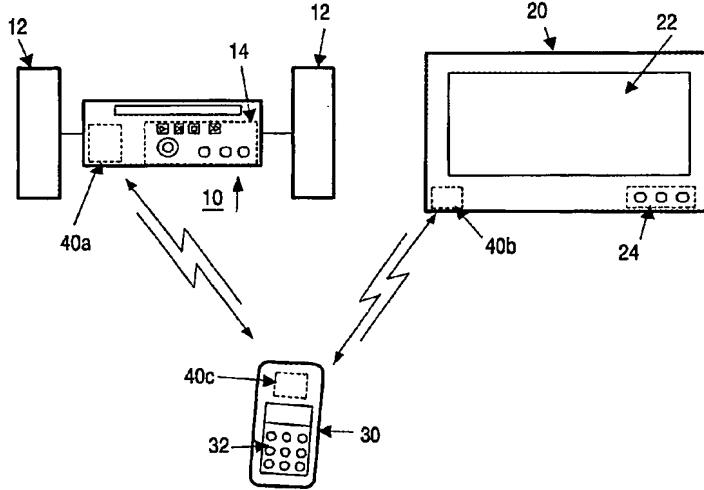
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(54) Title: REMOTE CONTROL SYSTEM AND AUTHENTICATION METHOD



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(57) Abstract: A radio frequency controlled system (10,20,30) is described in which a user's remote control (30) having a unique identifier is only accepted by a device (10, 40a) to enable remote control if authenticated. The authentication process causes the device (10, 40a) to generate and issue a key sequence which the user must input. Commands from a remote control unit (30) having the identifier are only accepted if the key sequence has been previously, and correctly input. The key sequence is issued so that only a user in close proximity of the device with direct line of sight/hearing can input it on the device. Hence, inadvertent control by a neighbours' radio frequency remote control unit is eliminated. The invention is described employing the ZigBee radio standard.

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